

FORM PTO-1449

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U.S. Department of Commerce

(Modified)

Patent and Trademark Office

Attorney Docket No.: VARD-07989

Serial No.: 10/723,940

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use Several Sheets If Necessary)

Applicant: Sherry Leonard *et al.*

Filing Date: 11/26/2003

Group Art Unit: 1649

(37 CFR § 1.98(b))

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
SS	1	4,650,764	03/17/87	Temin <i>et al.</i>			03/26/84
SS	2	4,683,195	07/28/87	Mullis <i>et al.</i>			02/07/86
SS	3	4,683,202	07/28/87	Mullis			10/25/85
SS	4	4,861,719	08/29/89	Miller			04/25/86
SS	5	4,946,778	08/7/90	Ladner <i>et al.</i>			01/19/89
SS	6	4,965,188	10/23/90	Mullis <i>et al.</i>			06/17/87
SS	7	4,980,289	12/25/90	Temin <i>et al.</i>			04/27/87
SS	8	5,124,263	06/23/92	Temin <i>et al.</i>			01/12/89
SS	9	5,322,770	06/21/94	Gelfand			12/22/89
SS	10	5,399,346	03/21/95	Anderson <i>et al.</i>			03/30/94
SS	11	5,459,127	10/17/95	Felgner <i>et al.</i>			09/16/93
SS	12	5,580,859	12/03/96	Felgner <i>et al.</i>			03/18/94
SS	13	5,589,466	12/31/96	Felgner <i>et al.</i>			01/26/95
SS	14	5,837,489	11/17/98	Elliott <i>et al.</i>			06/05/95

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
SS	15	WO 96/25508	08/22/96	PCT				
SS	16	WO 96/17823	06/13/96	PCT				
SS	17	WO 95/21931	08/17/95	PCT				
SS	18	WO 95/18863	07/13/95	PCT				
SS	19	WO 96/15244	05/23/96	PCT				
SS	20	WO 95/07358	03/16/95	PCT				
SS	21	WO 95/02697	01/26/95	PCT				
SS	22	WO 94/26914	11/24/94	PCT				
SS	23	WO 94/21807	09/29/94	PCT				
SS	24	WO 93/03367	02/18/93	PCT				
SS	25	WO 92/05263	04/02/92	PCT				
SS	26	WO 90/02806	03/22/90	PCT				
SS	27	WO 90/13678	11/15/90	PCT				
SS	28	WO 89/07150	08/10/89	PCT				
SS	29	EP 0453243A2	10/23/91	European Patent Office				
SS	30	EP 0178220 B1	04/16/86	European Patent Office				


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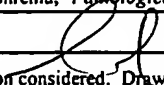
EXAMINER:

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<b>OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>					
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SS	35	Albertsen <i>et al.</i> , "Construction and characterization of a yeast artificial chromosome library containing seven haploid human genome equivalents," <i>Proc. Natl. Acad. Sci.</i> 87: 4256-4260 (1990)			
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SS	37	Amar <i>et al.</i> , "Agonist pharmacology of the neuronal $\alpha 7$ nicotinic receptor expressed in <i>Xenopus</i> oocytes," <i>FEBS</i> 327: 284-288 (1993)			
SS	38	Anderson and Young, "Quantitative Filter Hybridization," in <i>Nucleic Acid Hybridization A Practical Approach</i> , Hames and Higgins (eds.), pp. 73-109, IRL Press (1985)			
SS	39	Barnes, "PCR Amplification of up to 35-kb DNA with high fidelity and high yield from $\lambda$ bacteriophage templates," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 91: 2216-2220 (1994)			
SS	40	Beard <i>et al.</i> , "Transcription Mapping of Mouse Adenovirus Type 1 Early Region 3," <i>Virology</i> , pp. 75-81 (1990)			
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SS	43	Bemstein <i>et al.</i> , "Gene Transfer with Retrovirus Vectors," <i>Genet. Eng.</i> 7: 235-261 (1985)			
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SS	47	Biedler <i>et al.</i> , "Multiple Neurotransmitter Synthesis by Human Neuroblastoma Cell Lines and Clones," <i>Cancer Res.</i> 38: 3751-3757 (1978)			
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SS	50	Boutros and Overall, "Replication and Extension of P50 Findings in Schizophrenia," <i>Clin. Electroencephalog.</i> 22: 40-45 (1991)			
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SS	53	Brownstein <i>et al.</i> , "Isolation of Single-Copy Human Genes from a Library of Yeast Artificial Chromosome Clones," <i>Science</i> 244: 1348-1351 (1989)			
SS	54	Burke <i>et al.</i> , "Cloning of Large Segments of Exogenous DNA into Yeast by Means of Artificial Chromosome Vectors," <i>Science</i> 236: 806-812 (1987)			
SS	55	Calzolari <i>et al.</i> , "Psychiatric Disorder in a Familial 15;18 Translocation and Sublocalization of Myelin Basic Protein to 18q22.3," <i>Am. J. Med. Genet.</i> 67: 154-161 (1996)			
Examiner:		118106			
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SS	56	Cameron <i>et al.</i> , "Dendritic Cells Exposed to Human Immunodeficiency Virus Type-1 Transmit a Vigorous Cytopathic Infection to CD4 <sup>+</sup> T Cells," <i>Science</i> 257: 383-387 (1992)			
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SS	58	Chamberlin <i>et al.</i> , "New RNA Polymerase from <i>Escherichia coli</i> infected with Bacteriophage T7," <i>Nature</i> 228:227-231 (1970)			
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SS	64	Coon <i>et al.</i> , "Search for Mutations in the $\beta 1$ GABA <sub>A</sub> Receptor Subunit Gene in Patients with Schizophrenia," <i>Am. J. Med. Genet.</i> 54: 12-20 (1994)			
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SS	67	Cote <i>et al.</i> , "Generation of human monoclonal antibodies reactive with cellular antigens," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 80: 2026-2030 (1983)			
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SS	69	Cullum <i>et al.</i> , "Neurophysiological and neuropsychological evidence for attentional dysfunction in schizophrenia," <i>Schizophrenia Res.</i> 10: 131-141 (1993)			
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SS	72	deLeon <i>et al.</i> , "Schizophrenia and Smoking: An Epidemiological Survey in a State Hospital," <i>Am. J. Psychiat.</i> 152: 453-455 (1995)			
SS	73	Den-Dunnen <i>et al.</i> , "Topography of the Duchenne Muscular Dystrophy (DMD) Gene: FIGE and cDNA Analysis of 194 Cases Reveals 115 Deletions and 13 Duplications," <i>Am. J. Hum. Genet.</i> 45: 835-847 (1989)			
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SS	76	Dominguez del Toro <i>et al.</i> , "Immunocytochemical Localization of the $\alpha 7$ Subunit of the Nicotinic Acetylcholine Receptor in the Rat Central Nervous System," <i>J. Comp. Neurol.</i> 349: 325-342 (1994)			
SS	77	Dracopoli <i>et al.</i> , <i>Current Protocols in Human Genetics</i> , John Wiley & Sons, Inc., New York, New York (1994) not provided			
SS	78	Eaton, "Epidemiology of Schizophrenia," <i>Epidemiol. Rev.</i> 7: 105-126 (1985)			
SS	79	Elgoyhen <i>et al.</i> , " $\alpha 9$ : An Acetylcholine Receptor with Novel Pharmacological Properties Expressed in Rat Cochlear Hair Cells," <i>Cell</i> 79: 705-715 (1994)			
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SS	82	Erwin <i>et al.</i> , "Midlatency Auditory Evoked Responses in Schizophrenia," <i>Biol. Psychiat.</i> 30: 430-442 (1991)			
SS	83	Felgner and Ringold, "Cationic liposome-mediated transfection," <i>Nature</i> 337: 387-388 (1989)			
SS	84	Felgner <i>et al.</i> , "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 84: 7413-7417 (1987)			
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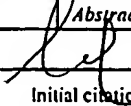
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